

SEQUENCE LISTING

<110> Applied Research Systems ARS holding

5 <120> NOVEL ANTAGONISTS OF MCP PROTEINS

<130> WO512

<160> 8

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<170> PatentIn version 3.0

<210> 1

<211> 99

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<212> PRT

<213> Homo sapiens

<400> 1

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Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Ile Ala Ala Thr

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Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val

20 25 30

25

Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu

35 40 45

Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val

30

50 55 60

Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln

65 70 75 80

Lys Trp Val  In Asp Ser Met Asp His Leu Asp  Gln Thr Gln Thr
85 90 95

Pro Lys Thr

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10 <213> synthetic construct

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Met Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe

15 1 5 10 15

Thr Asn Arg Lys Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile

20 25 30

20 Thr Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val

35 40 45

Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser

50 55 60

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Ile Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr

65 70 75

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30 <211> 77

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Met Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe

1 5 10 15

5 Thr Asn Ala Ala Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile

20 25 30

Thr Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val

35 40 45

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Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser

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Ile Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr

15 65 70 75

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<211> 76

<212> PRT

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Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys Tyr Asn Phe Thr

25 1 5 10 15

Asn Arg Lys Ile Ser Val Gln Arg Leu Ala Ser Tyr Arg Arg Ile Thr

20 25 30

30 Ser Ser Lys Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Ile Val Ala

35 40 45

Lys Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln Asp Ser Met

50 55 60

Asp His Leu Asp Lys Gln Thr Gln Thr Pro Lys Thr

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70

75

5 <210> 5

<211> 76

<212> PRT

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Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Asn Val Ile

1

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15 Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile Thr

20

25

30

Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Lys Arg Gly

35

40

45

20

Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser Met

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Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro

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<210> 6

<211> 76

<212> PRT

30 <213> Homo sapiens

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Gln Pro Val Gly Ile Asn Thr Ser Thr Thr Cys Cys Tyr Arg Phe Ile

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Asn Lys Lys Ile Pro Lys Gln Arg Leu Glu Ser Tyr Arg Arg Thr Thr

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30

5

Ser Ser His Cys Pro Arg Glu Ala Val Ile Phe Lys Thr Lys Leu Asp

35

40

45

Lys Glu Ile Cys Ala Asp Pro Thr Gln Lys Trp Val Gln Asp Phe Met

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Lys His Leu Asp Lys Lys Thr Gln Thr Pro Lys Leu

65

70

75

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Gln Pro Asp Ala Leu Asn Val Pro Ser Thr Cys Cys Phe Thr Phe Ser

1

5

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Ser Lys Lys Ile Ser Leu Gln Arg Leu Lys Ser Tyr Val Ile Thr Thr

20

25

30

Ser Arg Cys Pro Gln Lys Ala Val Ile Phe Arg Thr Lys Leu Gly Lys

35

40

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Glu Ile Cys Ala Asp Pro Lys Glu Lys Trp Val Gln Asn Tyr Met Lys

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His Leu Gly Arg Lys Ala His Thr Leu Lys Thr

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10 Gly Pro Ala Ser Val Pro Thr Thr Cys Cys Phe Asn Leu Ala Asn Arg
1 5 10 15

Lys Ile Pro Leu Gln Arg Leu Glu Ser Tyr Arg Arg Ile Thr Ser Gly
20 25 30

15

Lys Cys Pro Gln Lys Ala Val Ile Phe Lys Thr Lys Leu Ala Lys Glu
35 40 45

Ile Cys Ala Asp Pro Lys Lys Lys Trp Val Gln Asp Ser Met Lys Tyr
20 50 55 60

Leu Asp Gln Lys Ser Pro Thr Pro Lys Pro
65 70